

WHAT IS CLAIMED IS:

1. A fastening structure comprising:

5 a bolt having a bolt head, a larger outer diameter portion extending in an axial direction of the bolt, a serration provided on an outer peripheral surface of the larger outer diameter portion, and a smaller outer diameter portion extending in the axial direction of the bolt and provided with a thread portion; and

10 a mounting member having a flange portion in which a bolthole is formed and to which a brake disk is fixed by the bolt passing through the bolthole of the flange portion and a hole of the brake disk, an abutting surface of the bolt head abutting on a seat surface of the flange portion of the mounting member; and

15 wherein the bolthole of the flange portion is comprised of a first enlarged part enlarged in a taper shape toward the seat surface of the flange portion, a center small diameter part, and a second enlarged part on the brake disk side; and

wherein the serration of the bolt is engaged with the center small diameter part of the bolthole of the flange portion.

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2. A fastening structure as claimed in claim 1, wherein all of the serration of the bolt is engaged with the center small diameter part of the bolthole of the flange portion.

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3. A fastening structure as claimed in claim 1, wherein the second enlarged part of the bolthole is enlarged in a taper shape toward the brake disk side.

5 4. A fastening structure as claimed in claim 1, wherein at least one of the first and second enlarged parts of the bolthole has a length in the axial direction of the bolt exceeding 13% of a thickness in the axial direction of the flange portion.

10 5. A fastening structure as claimed in claim 1, wherein a length in the axial direction of the serration of the bolt does not exceed 74% of a thickness in the axial direction of the flange portion.